



AMENDMENT / RESPONSE TRANSMITTAL

Applicant : Nern, et al.
 App. No. : 10/054,399
 Filed : January 21, 2002
 For : NUCLEOTIDE SEQUENCES
 AND PROTEIN SEQUENCES
 Examiner : Fredman, Jeffrey Norman
 Art Unit : 1634

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

January 23, 2004

(Date)

Che Swyden Chereskin, Ph.D., Reg. No. 41,466

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing in the above-identified application are the following enclosures:

- (X) Amendment in 7 pages.
- (X) The present application qualifies for small entity status under 37 C.F.R. § 1.27.

The fee has been calculated as shown below:

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Total Claims	6 - 69 = 0	2202 (\$9)	0 x 9 =	\$0
Independent Claims	4 - 26 = 0	2201 (\$43)	0 x 43 =	\$0
			TOTAL FEE DUE	\$0

- (X) Return prepaid postcard.
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Che Swyden Chereskin, Ph.D.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed October 24, 2003, Applicants respectfully request the Examiner to enter the following amendments and consider the following arguments.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Summary of Interview begins on page 4 of this paper.

Remarks/Arguments begin on page 5 of this paper.